

FILE: C:\Users\gmalin\Documents\NDMPProj\kinder_morgan\BARRIER WALL CONSTRUCTION\405127d-G-001.dwg PLOT BY: gmalin
DATE: Aug 29, 2012 9:47am

KINDER MORGAN TANK STORAGE TERMINALS LLC
LINNTON TERMINAL

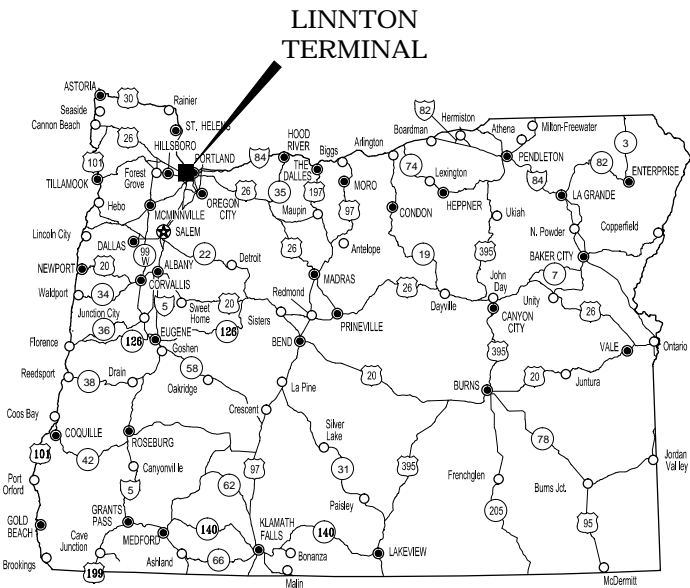
SHEET PILE BARRIER WALL SYSTEM

JULY, 2011

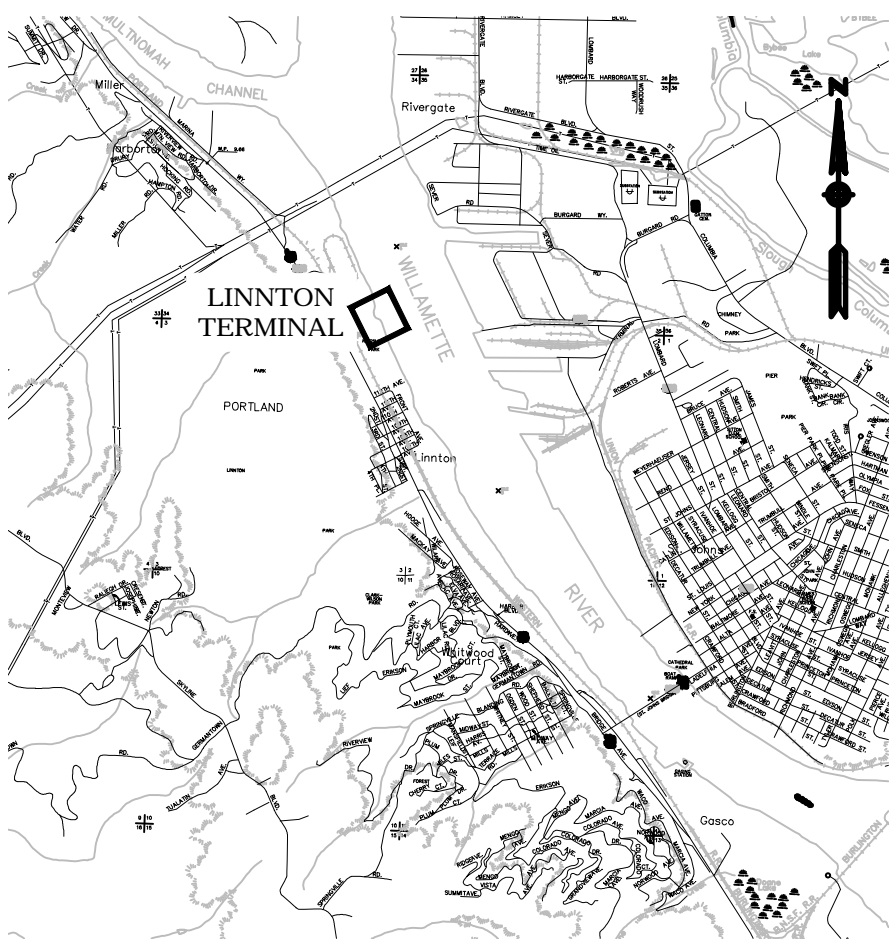
PREPARED BY
CH2MHILL

RECORD DRAWINGS

Revisions Drawn By GT MALIN Date 07/2012
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SITE LOCATION
NOT TO SCALE



SITE VICINITY
NOT TO SCALE

SHEET INDEX

SHEET NUMBER	DRAWING NUMBER	TITLE OF DRAWING
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										<div><div><div>KINDER</div><div>MORGAN</div><div>LIQUIDS TERMINALS LLC</div></div></div>		
										DRAWN BY: TWL		SITE LOCATION AND SHEET INDEX
										DATE: JUNE 2011		
										SCALE: AS SHOWN		
										CADFILE: 415127d-G-01.DWG		
1	06/12	RECORD DRAWING				GTM	SRK	JLG				
REVISION NUMBER	DATE	REVISION DESCRIPTION				DRAWN BY	CHECKED BY	PROJECT MGR.				RECORD DRAWING No. G-01

ABBREVIATION DEFINITIONS

ABBREVIATIONS:

AT	ANCHOR & NUMBER SEE DWG.
AI	ANALOG INPUT
AO	ANALOG OUTPUT
AG	AUTOMATIC GAUGE
AIA	ANTI ICER ADDITIVE
AMB	AMBIENT
ASA	ANTI STATIC ADDITIVE
ATM	ATMOSPHERE
AV	ADDITIVE VALVE
BA-?	BASE ANCHOR & NUMBER SEE DWG.
BBL	BARRELS
BE	BEVELED END
BL	BATTERY LIMITS
BLC	BLEND CONTROLLER
BMP	BEST MANAGEMENT PRACTICES
BOP	BOTTOM OF PIPE
BOS	BOTTOM OF STEEL
BPH	BARRELS PER HOUR
BS-?	BASE SUPPORT & NUMBER SEE DWG.
CD	CHEMICAL DRAIN
CIA	CORROSION INHIBITOR ADDITIVE
CJ	CONSTRUCTION JOINT
CMB	CRUSHED MATERIAL BASE
CMP	CORRUGATED METAL PIPE
CO	CHAIN OPERATED
C.O.	CLEAN OUT
COL	COLUMN
CSC	CAR SEAL CLOSED
CSD	CAR SEAL OPEN
CV	CONTROL VALVE
DA?	DIRECTIONAL ANCHOR & NUMBER
DF	DRAIN FUNNEL
DI	DISCRETE INPUT
DM	DISPLACEMENT METER
DO	DIFFERENTIAL OUTPUT
DPSH	DIFFERENTIAL PRESSURE SWITCH HIGH
DR	DENSITY RECORDER
DRA	DRAIN REDUCING AGENT
DS-?	DUMMY SUPPORT - DUMMY SUPPORT PIPE SIZE SEE DWG.
DS	DETECTOR SWITCH
DT	DENSITY TRANSMITTER
(E)	EXISTING
ECC. T.F.	ECCENTRIC TOP FLAT
ECC. B.F.	ECCENTRIC BOTTOM FLAT
E/H	ELECTROHYDRAULIC ACTUATOR
EU	ELECTROLYTIC ISOLATION JOINT
EL	ELEVATION
EMK	EMARK COMPUTER
EP	END POINT
E/S	ELECTRICAL POWER SUPPLY
ESCP	EMERGENCY & SEDIMENT CONTROL PLAN
ESD	EMERGENCY SHUTDOWN SWITCH
EYC	ELECTRIC RELAY (CLOSE)
EYO	ELECTRIC RELAY (OPEN)
FA	FIRE ALARM
FAH	FLOW ALARM HIGH
FAL	FLOW ALARM LOW
FC	FAIL CLOSE
FCV	FLOW CONTROL VALVE
FE	FLOW ELEMENT
FFU	FIELD FIT-UP
FI	FLOW INDICATOR
FLG.	FLANGE
FO	FLOW ORIFICE
FQI	VEEDER-ROOT COUNTER
FQY	FREQUENCY SCALING MODULE
FP	FULL PORT
FR	FLOW RECORDER
FRP	FIBERGLASS REINFORCED PLASTIC
FS	FLOW SWITCH
FS-?	FIELD SUPPORT & NUMBER SEE DWG.
FSF	FINISHED SURFACE
FSH	FLOW SWITCH HIGH
FSI	FUEL SYSTEM ICE INHIBITOR
FSL	FLOW SWITCH LOW
FT	TURBINE METRER PREAMPLIFIER (FLOW TRANSMITTER)
FURN.	FURNISHED BY OTHERS
FW	FIRE WATER
FY	FREQUENCY-TO-ANALOG CONVERTER
G?	GUIDE & NUMBER SEE DWG.
GB	GRADE BREAK
GD	GAS DETECTOR
GP?	GUARD POST & NUMBER SEE DWG.
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GR	GRAVITOMETER
GR?	GUARD RAIL & NUMBER SEE DWG.
GT	GRAVITY TRANSMITTER (GRAVITOMETER)


ABBREVIATIONS CONT'D:

HLA	HYDRAULIC GRADE LINE
HGL	HIGH LEVEL ALARM
HOA	HAND-OFF-AUTO
HOV	HYDRAULIC OPERATED VALVE
HP	HIGH POINT
HPA	HIGH PRESSURE ALARM
H.P.F.S.	HIGH POINT OF FINISHED SURFACE
H.P.T.	HIGH POINT
HS	HAND SWITCH (SELECTOR SWITCH OR PUSHBUTTON)
HSC	HAND SWITCH (CLOSE POSITION)
HSO	HAND SWITCH (OPEN POSITION)
HSS	HAND SWITCH (STOP POSITION)
HTA	HIGH TEMPERATURE ALARM
HV	MANUAL VALVE
IAS	INSTRUMENT AIR SUPPLY
IC	CURRENT CONTROLLER
ICD	CURRENT (AMP) INDICATING DEVICE
IIK	CURRENT INDICATOR CONTROL STATION
INJ	INJECTOR
IT	CURRENT (AMP) TRANSMITTER
LAL	LEVEL ALARM LOW
LALL	LEVEL ALARM LOW LOW
LAH	LEVEL ALARM LOW HIGH
LAHH	LEVEL ALARM HIGH HIGH
LC	LOCK CLOSED
LD	LEAK DETECTOR
LFA	LOW FLOW ALARM
LG	LEVEL GAUGE
LIH	LEVEL INDICATOR HIGH
LO	LOCK OPEN
LOL	LATROLET
LOP	LOW LUBE OIL PRESSURE
LOR	LOCAL-OFF-REMOTE
LP	LOW POINT
LPA	LOW PRESSURE ALARM
LSC	LIMIT SWITCH CLOSE
LSL	LEVEL SWITCH LOW
LSLL	LEVEL SWITCH LOW LOW
LSH	LEVEL SWITCH HIGH
LSHH	LEVEL SWITCH HIGH HIGH
LSO	LIMIT SWITCH OPEN
LT	LEVEL TRANSMITTER
MB	MODBUS
MB+	MODBUS PLUS
MIB	MOTOR INBOARD BEARING
MOB	MOTOR OUTBOARD BEARING
MOV	MOTOR OPERATED VALVE
MPR	MOTOR PROTECTION RELAY
MUX	MULTIPLEXER
MW1	MOTOR WINDING PHASE 1
MW2	MOTOR WINDING PHASE 2
MW3	MOTOR WINDING PHASE 3
(N)	NEW
NC	NORMALLY CLOSED
ND	NORMALLY DE-ENERGIZED
NE	NORMALLY ENERGIZED
NO	NORMALLY OPEN
N.T.S.	NOT TO SCALE
OHW	ORDINARY HIGH WATER
OPN	OPEN
OR	SELECT ONE OF MULTIPLE INPUTS
P	PUMP
PAH	PRESSURE ALARM HIGH
PAL	PRESSURE ALARM LOW
PC	PRESSURE CONTROLLER
P.C.	PUMP CASE
PCV	PRESSURE CONTROL VALVE
PDI	PRESSURE DIFFERENTIAL INDICATOR
PDH	PRESSURE DIFFERENTIAL ALARM HIGH
PDSH	PRESSURE DIFFERENTIAL SWITCH HIGH
PDT	PRESSURE DIFFERENTIAL TRANSMITTER
PE	PLAIN END
PI	PRESSURE INDICATOR
PIB	PUMP INBOARD BEARING
PIC	PRESSURE INDICATING CONTROLLER
PIK	PRESSURE INDICATOR CONTROL STATION
PIT	PRESSURE INDICATING TRANSMITTER
PIV	POST INDICATING VALVE
PLC	PROGRAMMABLE LOGIC CONTROLLER
POB	PUMP OUTBOARD BEARING
POV	PNEUMATICALLY OPERATED VALVE
PRV	PRESSURE RELIEF VALVE
PVC	POLYVINYL CHLORIDE

ABBREVIATIONS CONT'D:


PS	PRESSURE SWITCH
PS-7	PIPE SUPPORT & NUMBER SEE DWG.
PSH	PRESSURE SWITCH HIGH
PSHH	PRESSURE SWITCH HIGH HIGH
PSL	PRESSURE SWITCH LOW
PSLL	PRESSURE SWITCH LOW LOW
PSV	PRESSURE SAFETY VALVE
PT	PRESSURE TRANSMITTER
PV	PRESSURE VALVE
PY	PRESSURE RELAY
RED.	REDUCER
RED. ELL	REDUCING ELBOW
RED. TEE	REDUCING TEE
(REF.)	THE PIECE OF DATA ASSOCIATED WITH THIS NOTE IS BEING USED ONLY TO CLARIFY THE ILLUSTRATION OR NOTE, AND IS NOT TO BE USED FOR FABRICATION OR CONSTRUCTION, WITHOUT FIRST BEING VERIFIED BY THE APPROPRIATE DRAWING CONTAINING THIS CONSTRUCTION DATA. (I.E. T.O.C. EL. 32'-6"(REF.) THIS NOTE SHOWN ON A STEEL DRAWING MUST FIRST BE VERIFIED BY THE APPROPRIATE CONCRETE DRAWING, BEFORE BEING USED FOR FABRICATION OR CONSTRUCTION.)
RF	RAISED FACE
RFWN	RAISED FACE WELD NECK
RO	RESTRICTION ORIFICE
RTD	RESISTANCE TEMPERATURE DETECTOR
SD	SCRAPER DETECTOR
S.D.	SHUTDOWN (UNIT)
SDA	STATIC DISCHARGE ADDITIVE
SG	SIGHT GLASS
S/G	SPECIFIC GRAVITY
SLA	SEAL LEAK ALARM
SLS	SEAL LEAK SWITCH
SLO	SEAL LOCK OUT
SOL	SOCKOLET
SOV	SOLENOID OPERATED VALVE
SP	SET POINT
SW	SOCKETWELD
SY	SPEED CONTROLLER
TAH	TEMPERATURE ALARM HIGH
TAHH	TEMPERATURE ALARM HIGH HIGH
TAL	TEMPERATURE ALARM LOW
TALL	TEMPERATURE ALARM LOW LOW
T.B.M.	TOP OF BENCH MARK
TE	TEMPERATURE ELEMENT
TI	TEMPERATURE INDICATOR
TIT	TEMPERATURE INDICATOR TRANSMITTER
TM	TURBINE METER
T.O.	TOP OF
TOC	TOP OF CONCRETE
TOL	THREDOLET
TOP	TOP OF PIPE
TOR	THREAD-O-RING
TOS	TOP OF STEEL
TSL	TEMPERATURE SWITCH LOW
TSSL	TEMPERATURE SWITCH LOW LOW
TSH	TEMPERATURE SWITCH HIGH
TSHH	TEMPERATURE SWITCH HIGH HIGH
TSO	TIGHT SHUT OFF
TT	TEMPERATURE TRANSMITTER
TW	THERMOWELL
UG	UNDERGROUND
UHMW	ULTRA HIGH MOLECULAR WEIGHT
ULO	UNIT LOCK OUT
U.N.O.	UNLESS NOTED OTHERWISE
UV/IR	ULTRA VIOLET INFRARED DETECTOR
V	VENT
(V)	SUPPLIED BY VENDOR
VAH	VIBRATION ALARM HIGH
VAHH	VIBRATION ALARM HIGH HIGH
VB	VORTEX BREAKER
VD	VAPOR DETECTOR
VFD	VARIABLE FREQUENCY DRIVE UNIT
VT	VIBRATION TRANSMITTER

ABBREVIATIONS CONT'D:

WOL	WELD/OLET	
W.P.	REFERS TO THE INTERSECTION POINT OF THE FITTINGS CENTERLINES.	
WSC	TORQUE SWITCH (CLOSE)	
WSO	TORQUE SWITCH (OPEN)	
W.T.	WALL THICKNESS	
XAH	SEISMIC ALARM HIGH	
XSH	SEISMIC ACCELERATION SWITCH HIGH	
YI	PUMP MOTOR STATUS (PUMP RUNNING)	
YI	CSI PROVER INTERFACE	
ZI	POSITION INDICATOR	
ZIC	VALVE MOTOR OPERATOR "CLOSED" INDICATOR	
ZIO	VALVE MOTOR OPERATOR "OPEN" INDICATOR	
ZIX	VALVE MOTOR OPERATOR "REMOTE" CONTROL INDICATOR	
ZS	POSITION SWITCH	
ZSC	VALVE MOTOR OPERATOR "CLOSED" SWITCH	
ZSO	VALVE MOTOR OPERATOR "OPEN" SWITCH	
ZSX	VALVE MOTOR OPERATOR "REMOTE" CONTROL SWITCH	

RF	RAISED FACE
RFWN	RAISED FACE WELD NECK
RO	RESTRICTION ORIFICE
RTD	RESISTANCE TEMPERATURE DETECTOR
SD	SCRAPER DETECTOR
S.D.	SHUTDOWN (UNIT)
SDA	STATIC DISCHARGE ADDITIVE
SG	SIGHT GLASS
SGV	SPECIFIC GRAVITY
SLA	SEAL LEAK ALARM
SLS	SEAL LEAK SWITCH
SLO	STATION LOCK OUT
SOL	SOCKOLET
SOV	SOLENOID OPERATED VALVE
SP	SET POINT
SW	SOCKETWELD
SY	SPEED CONTROLLER
TAH	TEMPERATURE ALARM HIGH
TAHH	TEMPERATURE ALARM HIGH HIGH
TAL	TEMPERATURE ALARM LOW
TALL	TEMPERATURE ALARM LOW LOW
T.B.M.	TOP OF BENCH MARK
TE	TEMPERATURE ELEMENT
TI	TEMPERATURE INDICATOR
TIT	TEMPERATURE INDICATOR TRANSMITTER
TM	TURBINE METER
T.O.	TOP OF
TOC	TOP OF CONCRETE
TOL	THREDOLET
TOP	TOP OF PIPE
TOR	THREAD-O-RING
TOS	TOP OF STEEL
TSL	TEMPERATURE SWITCH LOW
TSSL	TEMPERATURE SWITCH LOW LOW
TSH	TEMPERATURE SWITCH HIGH
TSHH	TEMPERATURE SWITCH HIGH HIGH
TSO	TIGHT SHUT OFF
TT	TEMPERATURE TRANSMITTER
TW	THERMOWELL
UG	UNDERGROUND
UHMW	ULTRA HIGH MOLECULAR WEIGHT
ULO	UNIT LOCK OUT
U.N.O.	UNLESS NOTED OTHERWISE
UV/IR	ULTRA VIOLET INFRARED DETECTOR
V	VENT
(V)	SUPPLIED BY VENDOR
VAH	VIBRATION ALARM HIGH
VAHH	VIBRATION ALARM HIGH HIGH
VB	VORTEX BREAKER
VD	VAPOR DETECTOR
VFD	VARIABLE FREQUENCY DRIVE UNIT
VT	VIBRATION TRANSMITTER

ABBREVIATIONS CONT'D:


WOL	WELDOLET	
W.P.	REFERS TO THE INTERSECTION POINT OF THE FITTINGS CENTERLINES.	W.P. 
WSC	TORQUE SWITCH (CLOSE)	
WSO	TORQUE SWITCH (OPEN)	
W.T.	WALL THICKNESS	
XAH	SEISMIC ALARM HIGH	
XSH	SEISMIC ACCELERATION SWITCH HIGH	
YI	PUMP MOTOR STATUS (PUMP RUNNING)	
YI	CSI PROVER INTERFACE	
ZI	POSITION INDICATOR	
ZIC	VALVE MOTOR OPERATOR "CLOSED" INDICATOR	



RECORD DRAWINGS

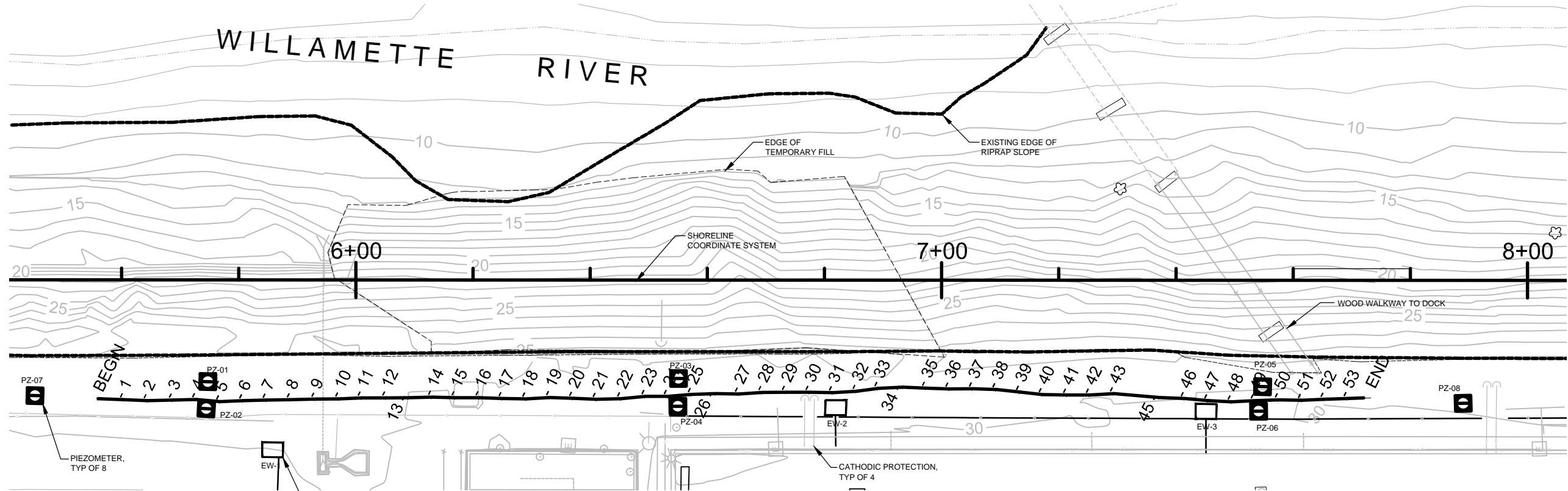
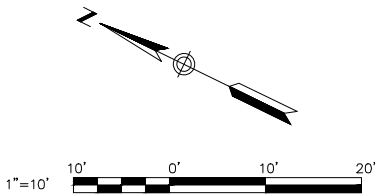
Revisions Drawn By GT MALIN Date 07/2012

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						KINDER MORGAN LIQUIDS TERMINALS LLC 		
						DRAWN BY: TWL	GENERAL NOTES AND ABBREVIATIONS	
						DATE: JUNE 2011		
						SCALE: AS SHOWN		
						CADFILE: H15127d-G-02.DWG		
REVISION NUMBER	DATE	REVISION DESCRIPTION	DRAWN BY	CHECKED BY	PROJECT MGR.	RECORD DRAWING No.		G-02
1	06/12	RECORD DRAWING	GTM	SRK	JLG			

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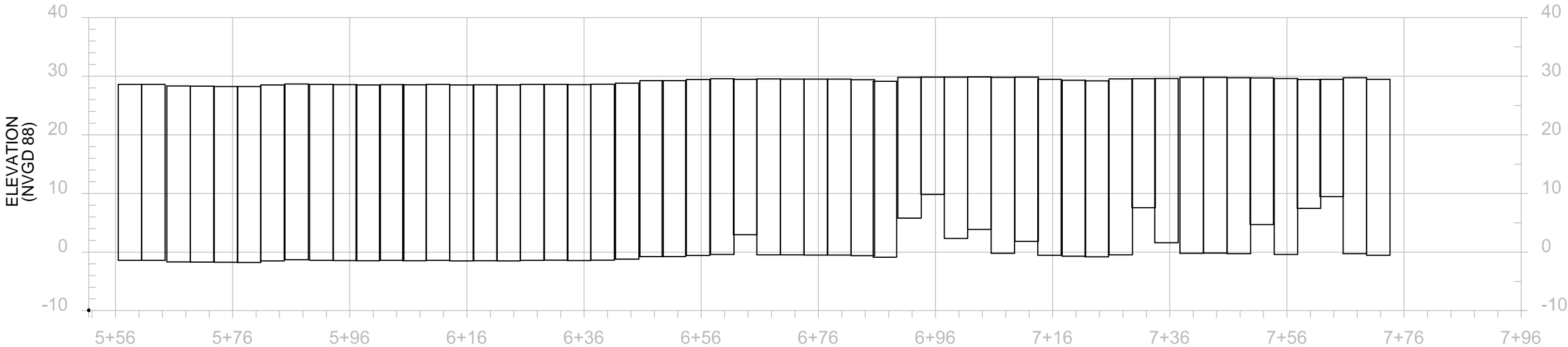
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BARRIER WALL PLAN

RECORD DRAWINGS


Revisions Drawn By GT MALIN Date 07/2012
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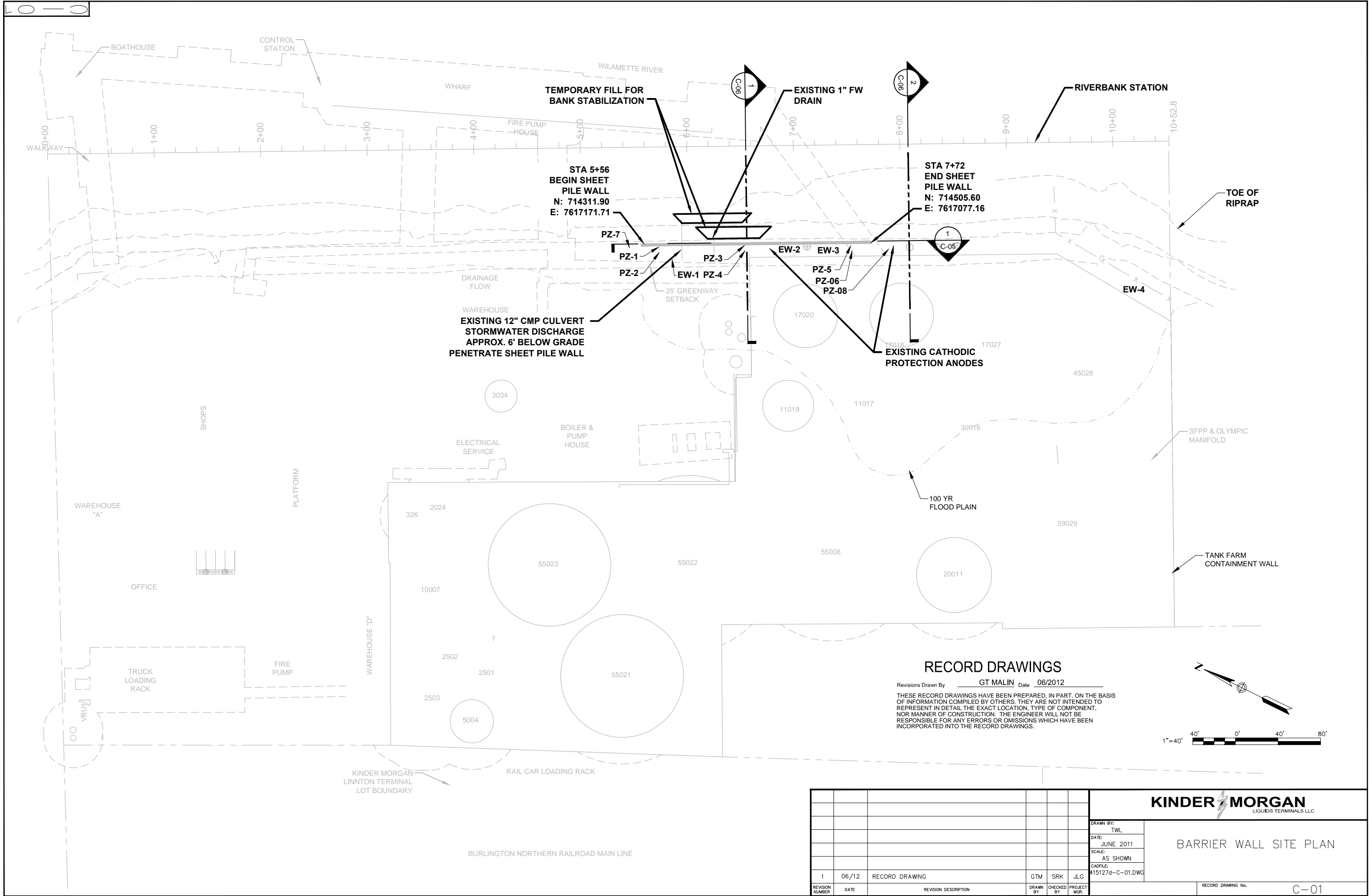
SHORELINE COORDINATE SYSTEM
BARRIER WALL PROFILE

SHEET JOINT COORDINATES

Wall Pt	Northing	Easting	Pile Top Elev
BEGIN	714505.60	7617077.16	28.57
1	714501.96	7617078.82	28.57
2	714498.29	7617080.49	28.58
3	714494.48	7617082.51	28.32
4	714490.96	7617084.38	28.28
5	714487.14	7617085.89	28.24
6	714483.71	7617087.81	28.21
7	714480.18	7617089.70	28.48
8	714476.52	7617091.62	28.67
9	714472.81	7617093.60	28.58
10	714469.20	7617095.46	28.56
11	714465.83	7617097.32	28.50
12	714462.10	7617099.20	28.57
13	714458.71	7617100.93	28.52
14	714455.17	7617102.82	28.58
15	714451.55	7617104.54	28.49
16	714447.88	7617106.38	28.51
17	714444.30	7617108.02	28.49
18	714440.66	7617109.78	28.59
19	714437.14	7617111.83	28.61
20	714433.57	7617113.46	28.57
21	714429.89	7617115.11	28.63
22	714426.20	7617117.08	28.78
23	714422.66	7617119.31	29.22
24	714419.27	7617121.01	29.21
25	714415.74	7617123.16	29.42
26	714412.11	7617125.12	29.57
27	714408.60	7617126.84	29.47
28	714405.14	7617128.87	29.52
29	714401.56	7617130.71	29.50
30	714397.96	7617132.50	29.48
31	714394.35	7617134.24	29.50
32	714390.87	7617136.26	29.38
33	714387.75	7617138.37	29.12
34	714384.07	7617140.45	29.78
35	714380.51	7617142.07	29.83
36	714376.88	7617143.73	29.82
37	714373.30	7617145.56	29.85
38	714369.66	7617147.24	29.80
39	714365.87	7617148.66	29.83
40	714362.23	7617150.03	29.45
41	714358.45	7617151.82	29.30
42	714354.98	7617153.57	29.20
43	714351.41	7617155.62	29.51
45	714344.17	7617158.55	29.58
46	714340.24	7617160.30	29.78
47	714336.50	7617161.77	29.80
48	714332.83	7617163.40	29.73
49	714329.40	7617165.34	29.70
50	714325.80	7617167.33	29.59
51	714322.24	7617169.01	29.44
52	714318.87	7617170.92	29.46
53	714315.41	7617172.80	29.71
END	714311.90	7617174.71	29.71

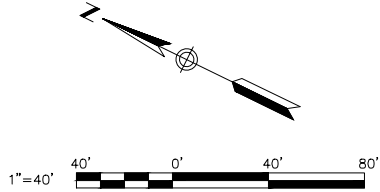
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							DRAWN BY: GTM	<div>BARRIER WALL PLAN AND PROFILE</div>
							DATE: MAY 2012	
							SCALE: AS SHOWN	
							CADFILE: C-000	
2	05/12	AS BUILT	GTM	KRS	JLG			
1	03/12	VARIOUS MODIFICATIONS	GTM	SRK	JLG			
REVISION NUMBER	DATE	REVISION DESCRIPTION	DRAWN BY	CHECKED BY	PROJECT MGR.		RECORD DRAWING No.	C-000

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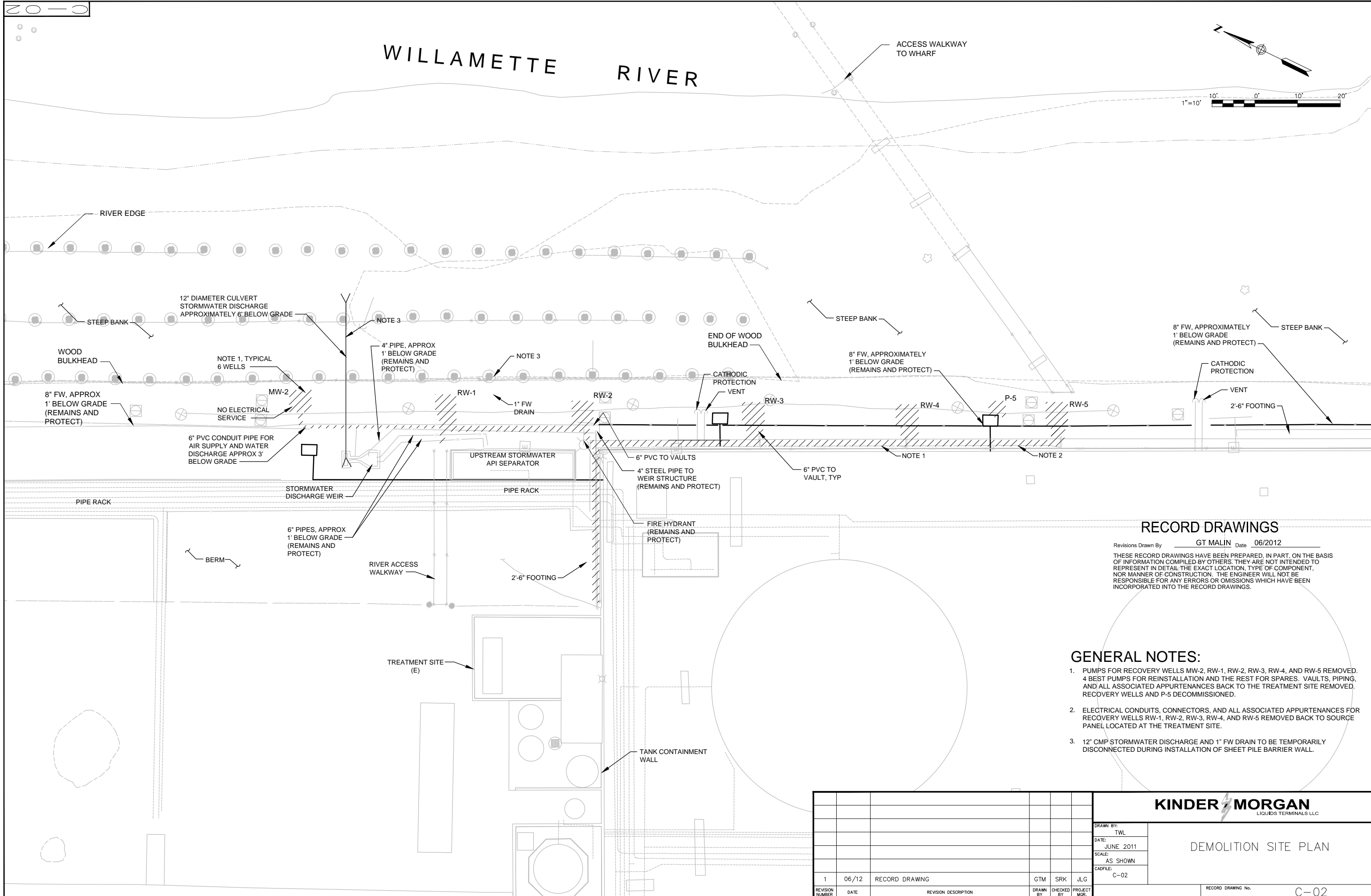


RECORD DRAWINGS

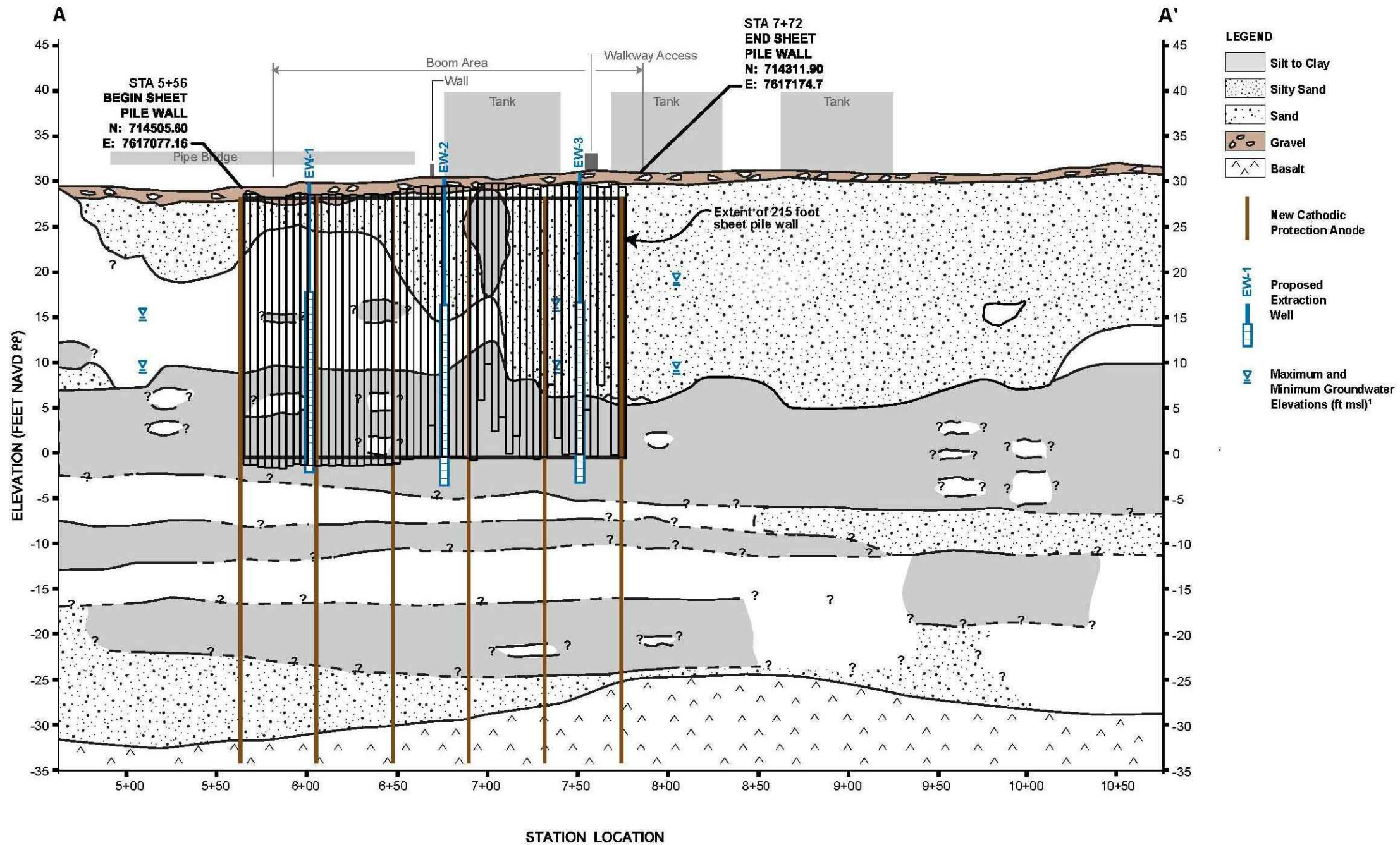
Revisions Drawn By GT MALIN Date 06/2012
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						KINDER MORGAN LIQUIDS TERMINALS LLC	
						DRAWN BY: TWL	BARRIER WALL SITE PLAN
						DATE: JUNE 2011	
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DATE: Aug 29, 2012 11:15am



CROSS-SECTION OF
215 FOOT SHEET PILE WALL
C-02 NOT TO SCALE

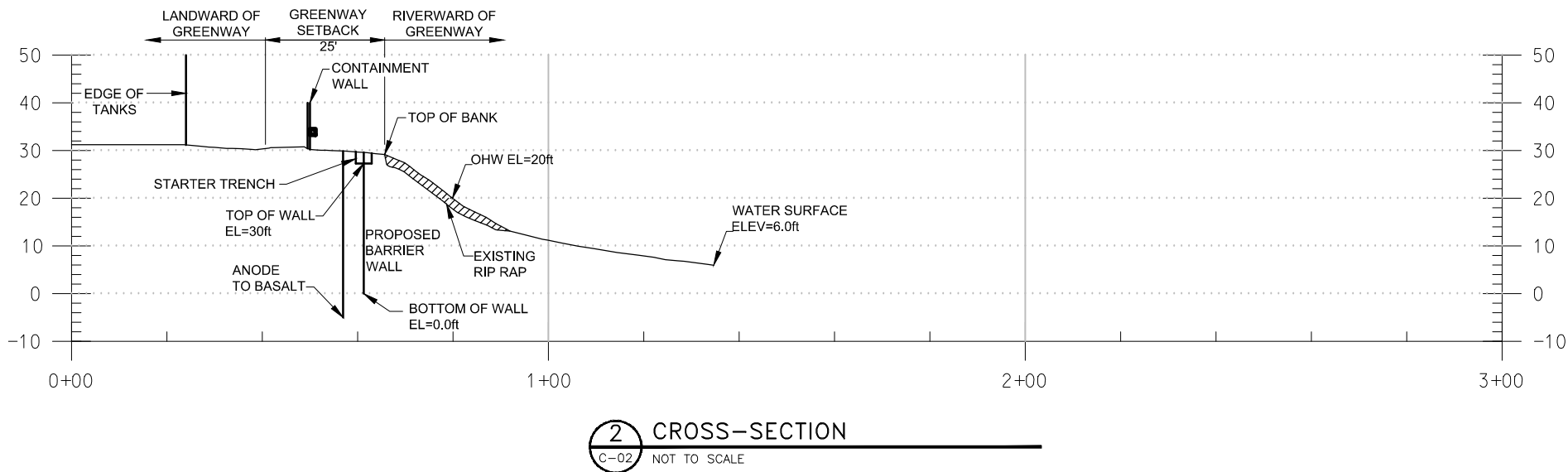
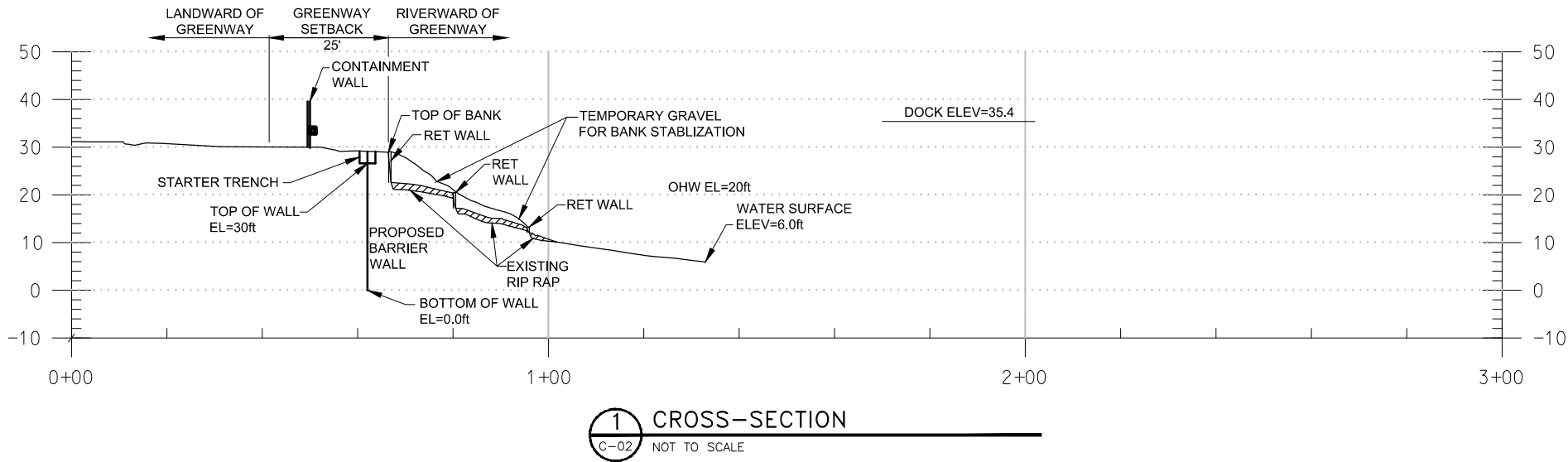
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							KINDER MORGAN LIQUIDS TERMINALS LLC	
							DRAWN BY: TWL	CONSTRUCTION DETAILS SHEET 1
							DATE: JUNE 2011	
							SCALE: AS SHOWN	
							CADFILE: C-03	
1	06/12	RECORD DRAWING		GTM	SRK	JLG		
REVISION NUMBER	DATE	REVISION DESCRIPTION		DRAWN BY	CHECKED BY	PROJECT MGR.	RECORD DRAWING No.	C-03

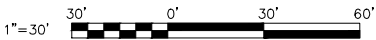
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DATE: Aug 29, 2012 10:39am



RECORD DRAWINGS

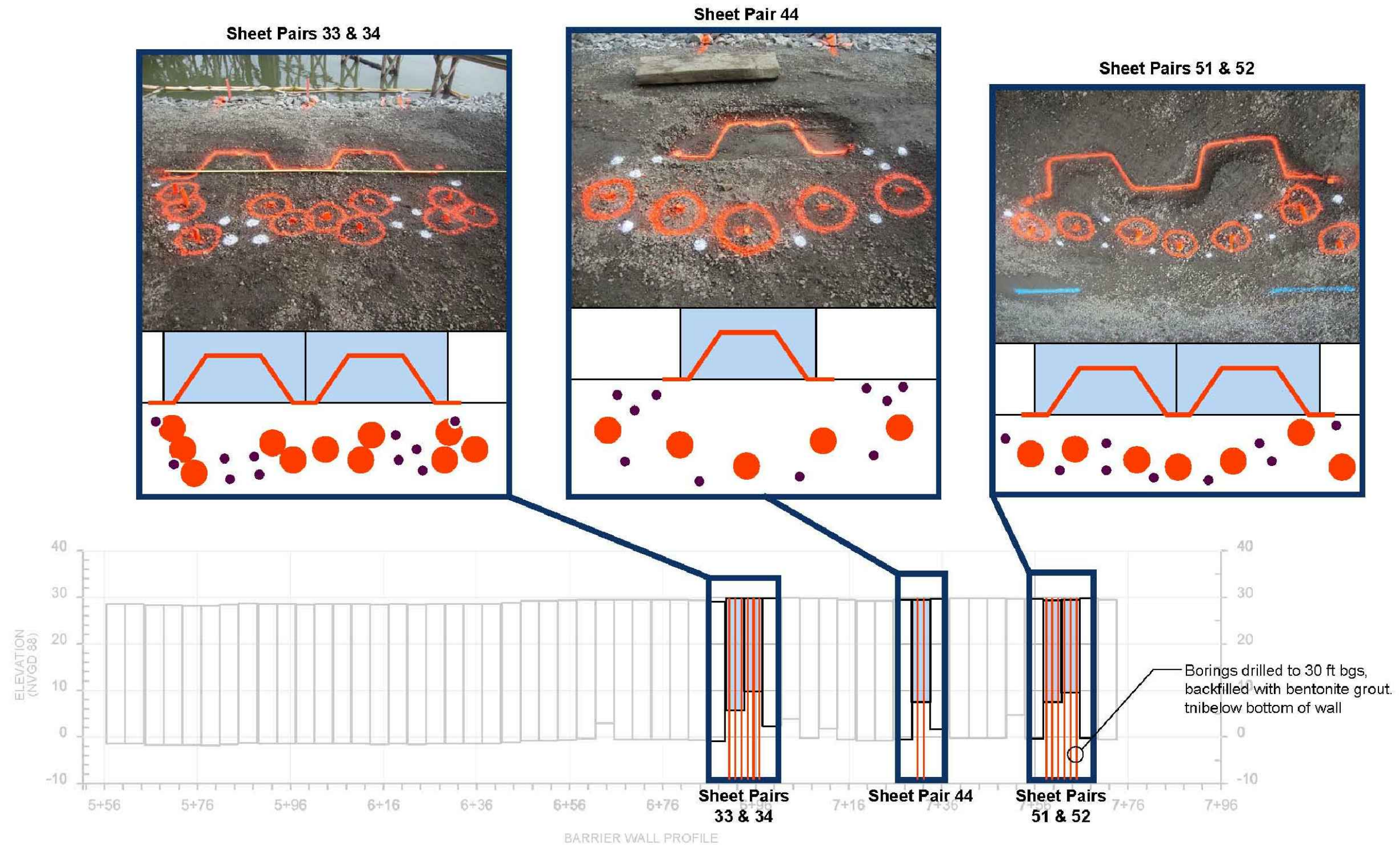
Revisions Drawn By GT MALIN Date 07/2012

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						KINDER MORGAN LIQUIDS TERMINALS LLC	
						DRAWN BY: TWL	CONSTRUCTION DETAILS SHEET 2
						DATE: JUNE 2011	
						SCALE: AS SHOWN	
						CADFILE: C-04	
1	06/12	RECORD DRAWING	GTM	SRK	JLG	RECORD DRAWING No. C-04	
REVISION NUMBER	DATE	REVISION DESCRIPTION	DRAWN BY	CHECKED BY	PROJECT MGR.		

FILE: C:\Users\gmalin\Documents\NDMPPro\kinder morgan\BARRIER WALL CONSTRUCTION\405127d-C-005.dwg PLOT BY: gmalin
DATE: Aug 29, 2012 10:36am



- Geoprobe borings
- 10-inch diameter hollow stem auger borings

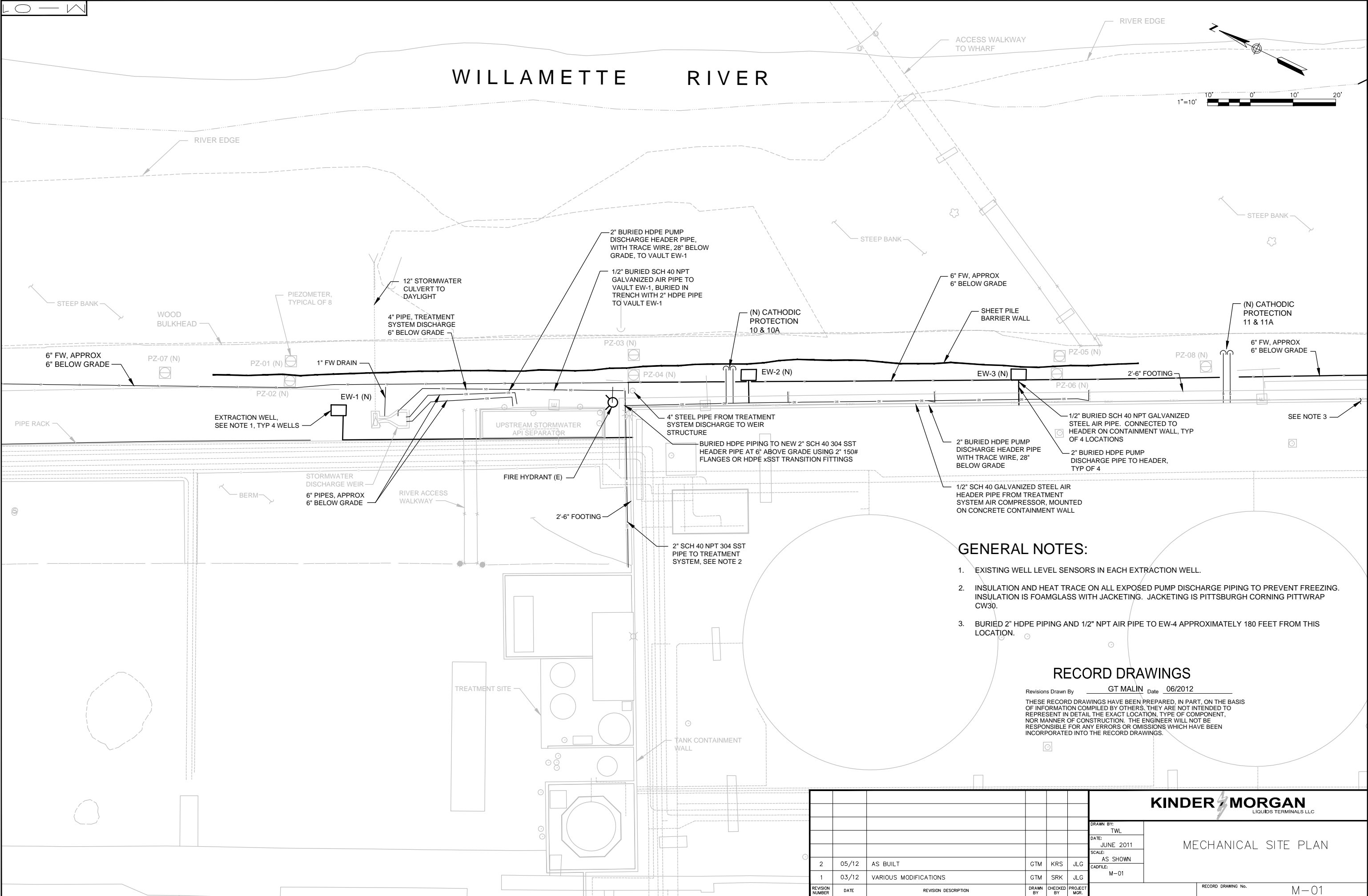
RECORD DRAWINGS

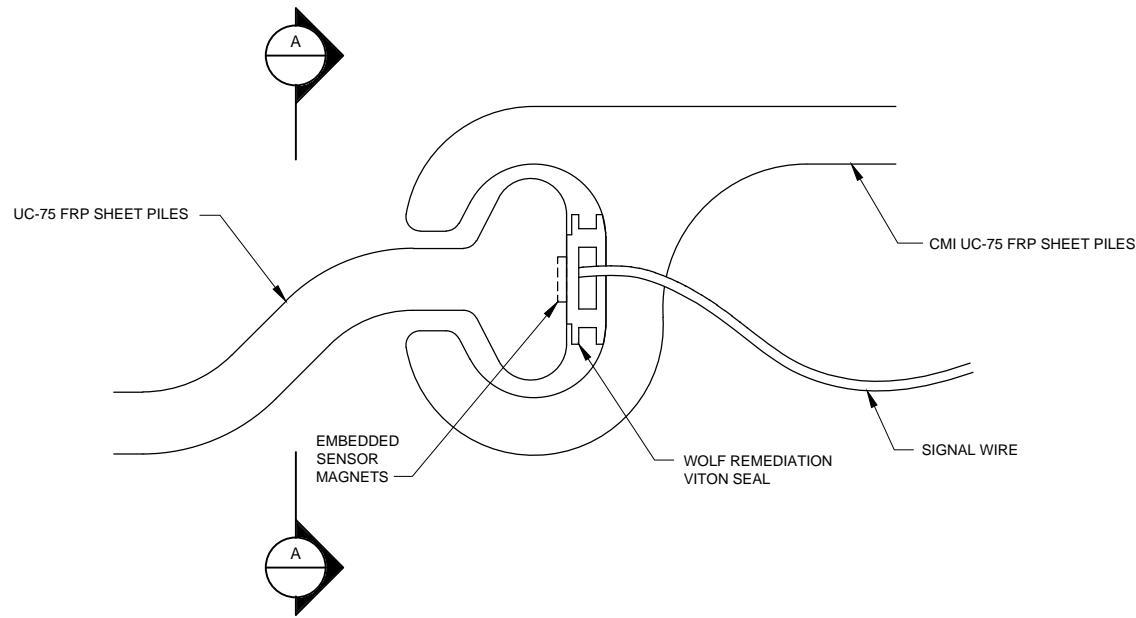
Revisions Drawn By GT MALIN Date 07/2012

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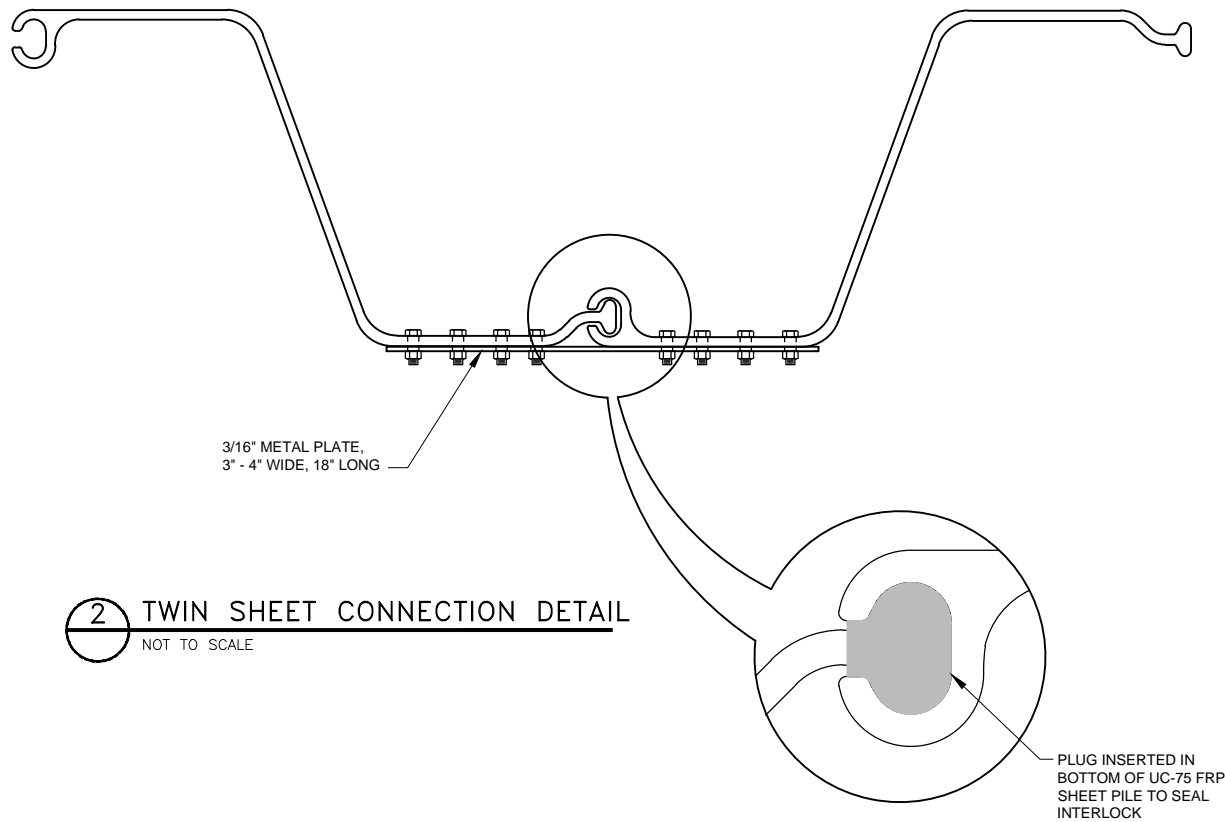
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						GTM	
						DATE:	
						JULY 2012	
						SCALE:	AS SHOWN
						CADFILE:	
						C-05	
1	06/12	RECORD DRAWING	GTM	SRK	JLG	RECORD DRAWING No. C-05	
REVISION NUMBER	DATE	REVISION DESCRIPTION	DRAWN BY	CHECKED BY	PROJECT MGR.		

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DATE: Aug 29, 2012 10:25am
PLOT BY: gmalin

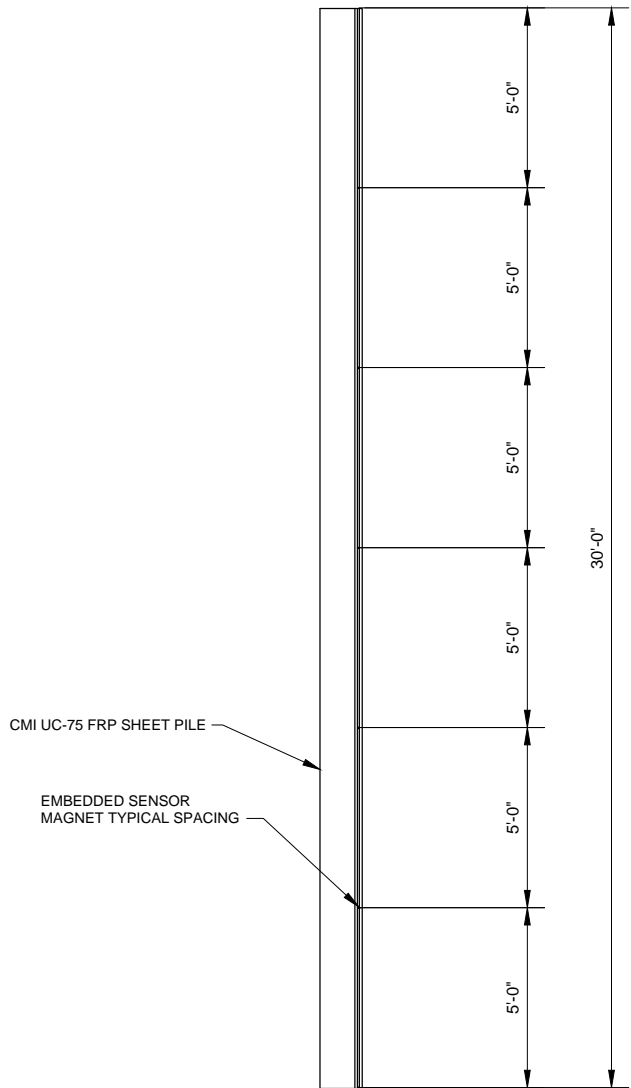




1 VITON SEAL SCHEMATIC
NOT TO SCALE



2 TWIN SHEET CONNECTION DETAIL
NOT TO SCALE



A SECTION
NOT TO SCALE

RECORD DRAWINGS

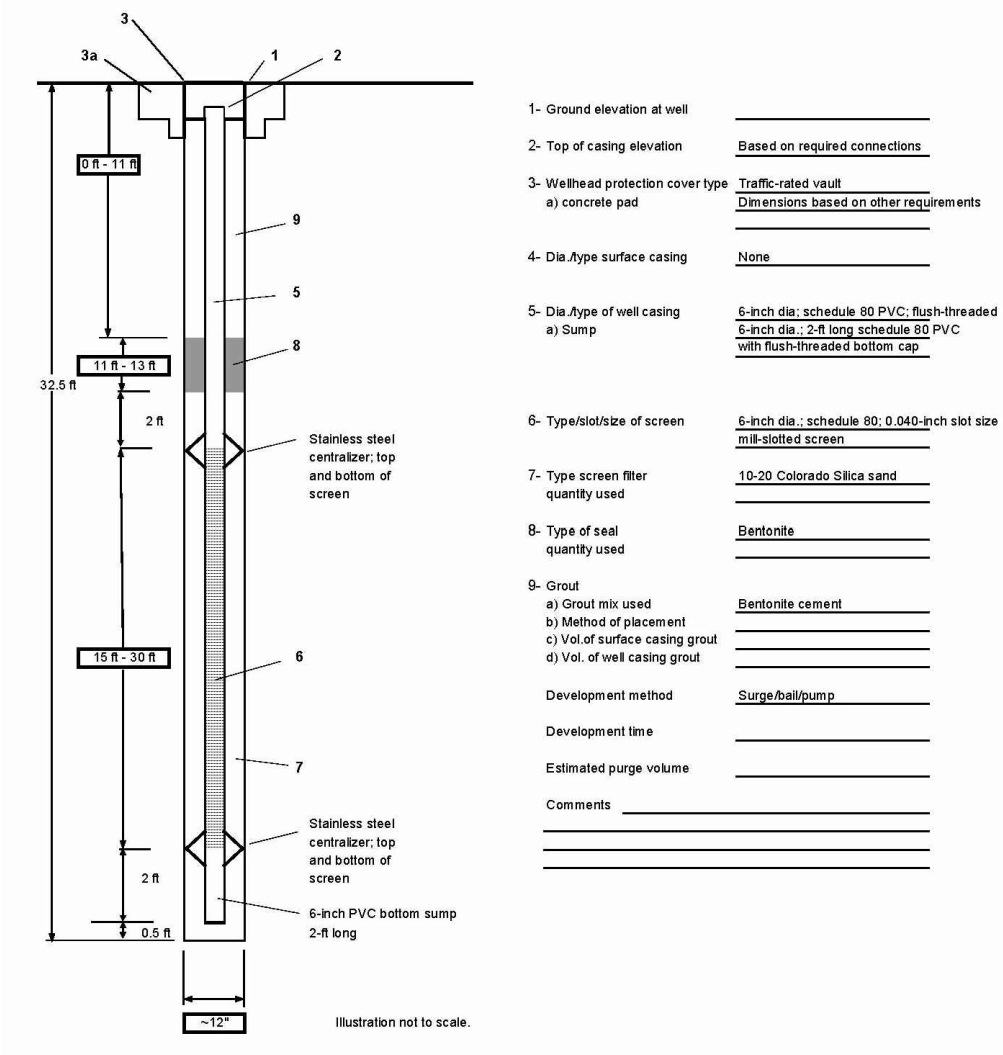
Revisions Drawn By GT MALIN Date 07/2012

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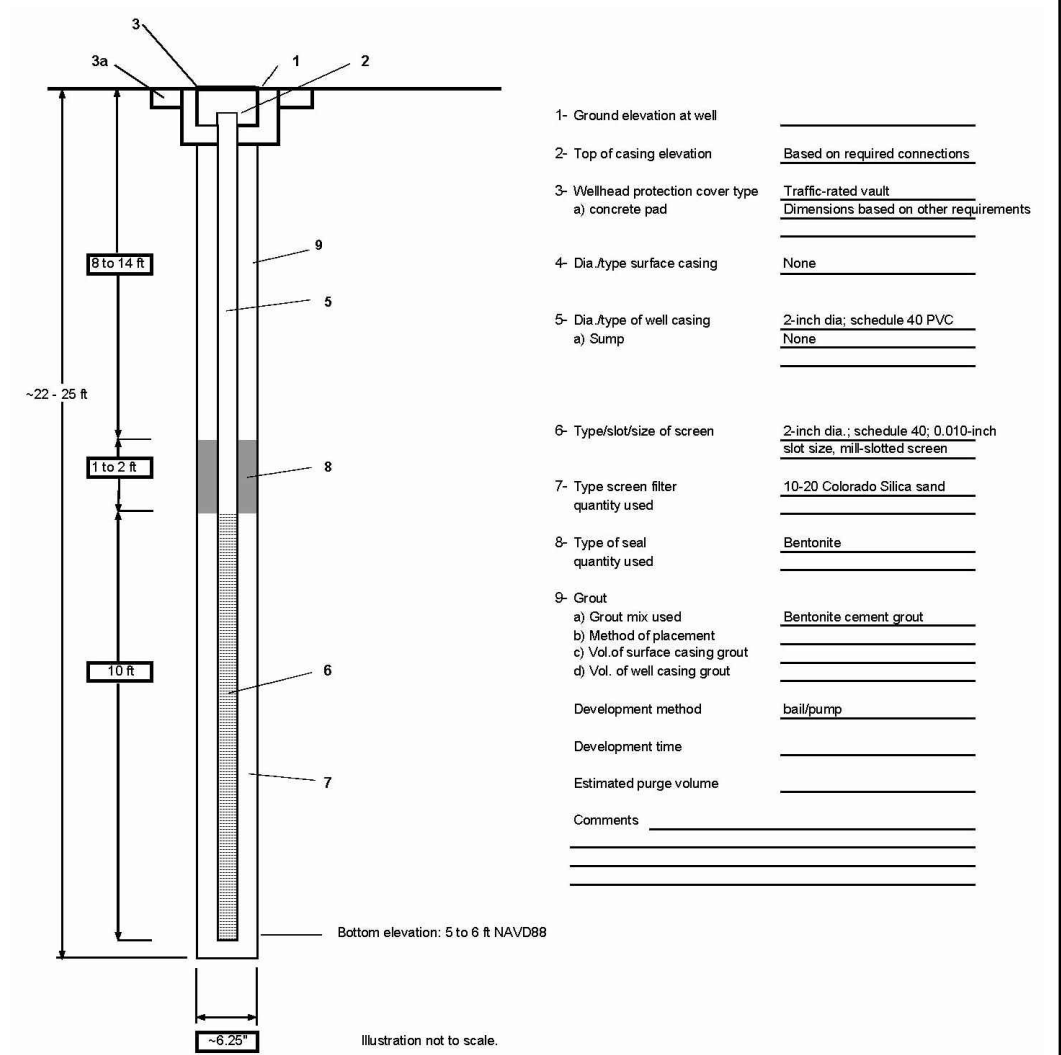
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						DATE: JUNE 2011	
						SCALE: AS SHOWN	
						CADFILE: #15127d-M-02.DWG	
1	06/12	RECORD DRAWING	GTM	SRK	JLG		
REVISION NUMBER	DATE	REVISION DESCRIPTION	DRAWN BY	CHECKED BY	PROJECT MGR.	RECORD DRAWING No.	M-02

FILE: C:\Users\gmalin\Documents\NDMPPro\kinder_morgan\BARRIER WALL CONSTRUCTION\405127d-M-003.dwg PLOT BY: gmalin

DATE: Aug 29, 2012 10:29am



2 EXTRACTION WELL DETAIL
NOT TO SCALE



3 PIEZOMETER DETAIL
NOT TO SCALE

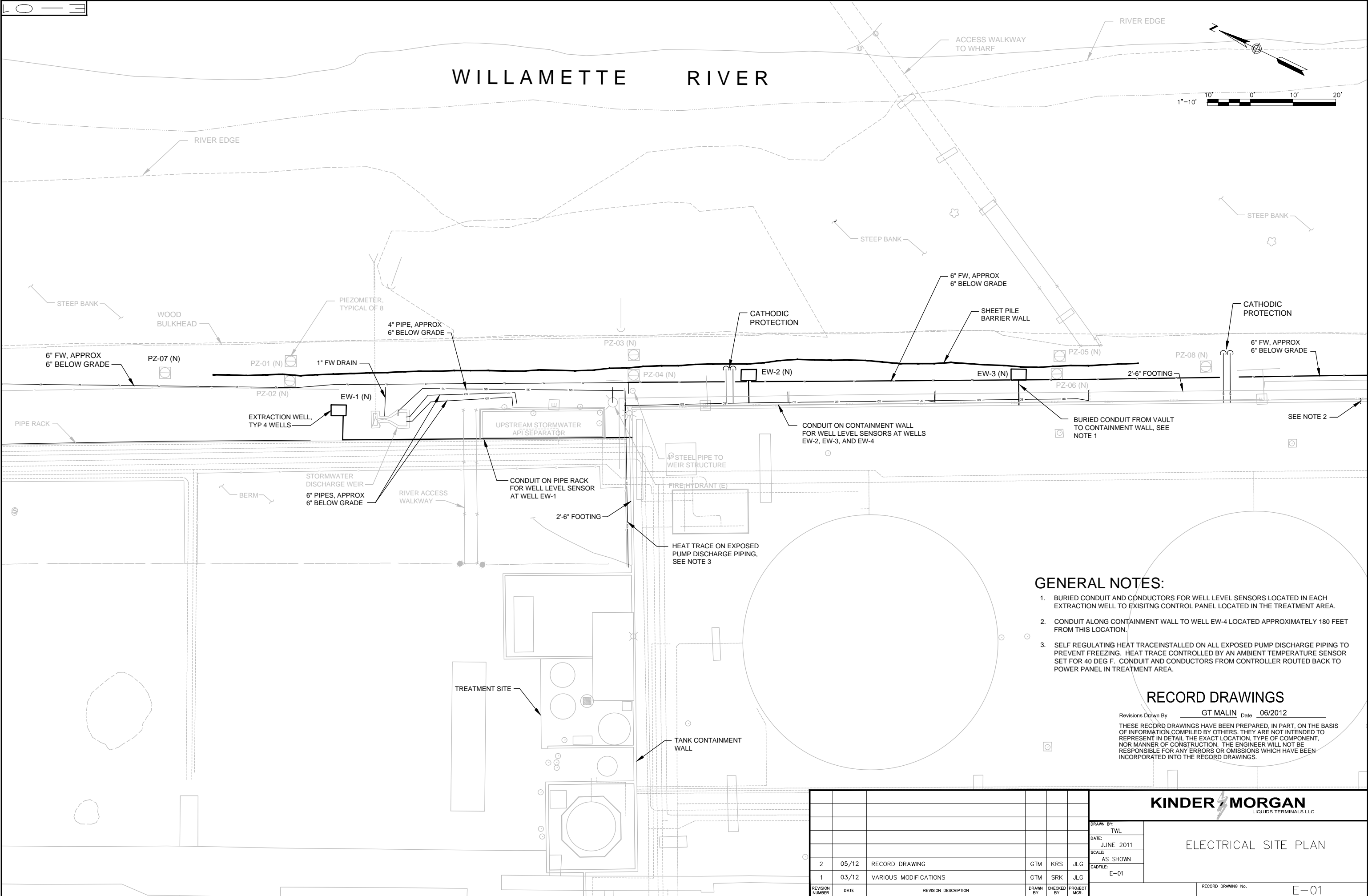
RECORD DRAWINGS

Revisions Drawn By GT MALIN Date 07/2012

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						KINDER MORGAN LIQUIDS TERMINALS LLC	
						DRAWN BY: TWL	MECHANICAL DETAILS SHEET 2
						DATE: JUNE 2011	
						SCALE: AS SHOWN	
						CADFILE: 415127d-M-01.DWG	
1	06/12	RECORD DRAWING	GTM	SRK	JLG		
REVISION NUMBER	DATE	REVISION DESCRIPTION	DRAWN BY	CHECKED BY	PROJECT MGR.		RECORD DRAWING No. M-03

FILE: C:\Users\gmalin\Documents\NDMPProj\kinder morgan\BARRIER WALL CONSTRUCTION\405127d-E-001.dwg PLOT BY: gmalin
DATE: Aug 29, 2012 10:16am



- GENERAL NOTES:**
- BURIED CONDUIT AND CONDUCTORS FOR WELL LEVEL SENSORS LOCATED IN EACH EXTRACTION WELL TO EXISTING CONTROL PANEL LOCATED IN THE TREATMENT AREA.
 - CONDUIT ALONG CONTAINMENT WALL TO WELL EW-4 LOCATED APPROXIMATELY 180 FEET FROM THIS LOCATION.
 - SELF REGULATING HEAT TRACE INSTALLED ON ALL EXPOSED PUMP DISCHARGE PIPING TO PREVENT FREEZING. HEAT TRACE CONTROLLED BY AN AMBIENT TEMPERATURE SENSOR SET FOR 40 DEG F. CONDUIT AND CONDUCTORS FROM CONTROLLER ROUTED BACK TO POWER PANEL IN TREATMENT AREA.

RECORD DRAWINGS

Revisions Drawn By GT MALIN Date 06/2012

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						KINDER MORGAN LIQUIDS TERMINALS LLC		
						DRAWN BY: TWL	ELECTRICAL SITE PLAN	
						DATE: JUNE 2011		
						SCALE: AS SHOWN		
						CADFILE: E-01		
2	05/12	RECORD DRAWING	GTM	KRS	JLG			
1	03/12	VARIOUS MODIFICATIONS	GTM	SRK	JLG			
REVISION NUMBER	DATE	REVISION DESCRIPTION	DRAWN BY	CHECKED BY	PROJECT MGR.	RECORD DRAWING No.		E-01

